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Art Unit: 1616  
Examiner: Frank I. Choi  
Serial No.: 10/750,376  
Docket No.: 01845-22396

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS**

1-20. (Canceled)

21. (New) A method of reducing effects of Alzheimer's Dementia in a patient, comprising steps of:

- a) administering a dose of amoxicillin and Vitamin B<sub>12</sub> to a patient;
- b) administering a dose of indomethacin to the patient;
- c) administering a dose of S-adenosyl-L-methionine and selenium to the patient; and
- d) administering a dose of at least one of ibuprofen and aspirin to the patient.

22. (New) The method of claim 1, wherein the step of administering S-adenosyl-L-methionine and selenium occurs from about 4 hours to about 18 hours after the administration of amoxicillin.

23. (New) The method of claim 1, wherein the dose of amoxicillin administered to the patient is from about 100 mg to about 1750 mg.

24. (New) The method of claim 3, wherein the dose of amoxicillin administered to the patient is from about 500 mg to about 1000 mg.

25. (New) The method of claim 1, wherein the dose of Vitamin B<sub>12</sub> administered to the patient is from about 100 mg to about 3000 mg.

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26. (New) The method of claim 5, wherein the dose of Vitamin B<sub>12</sub> administered to the patient is from about 250 mg to about 2000 mg.
27. (New) The method of claim 1, wherein the dose of indomethacin administered to the patient is from about 25 mg to about 200 mg.
28. (New) The method of claim 1, wherein the dose of S-adenosyl-L-methionine administered to the patient is from about 50 mg to about 600 mg.
29. (New) The method of claim 8, wherein the dose of S-adenosyl-L-methionine administered to the patient is from about 100 mg to about 400 mg.
30. (New) The method of claim 1, wherein the dose of selenium administered to the patient is from about 50 mg to about 200 mg.
31. (New) The method of claim 1, further comprising a step of administering clavulanate potassium to the patient.
32. (New) The method of claim 1, further comprising a preliminary step of treating the patient for a preexisting fungal infection.
33. (New) The method of claim 12, further comprising step of administering

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fluconazole to the patient.

34. (New) The method of claim 12, further comprising step of administering a culture of acidophilus to the patient.

35. (New) The method of claim 1, further comprising a preliminary step of administering nicotinamide adenine dinucleotide to the patient prior to administering amoxicillin.

36. (New) The method of claim 1, wherein the step of administering amoxicillin and Vitamin B<sub>12</sub> occurs on at least two separate occasions and at least 1½ hours apart.

37. (New) The method of claim 1, further comprising a step of administering a cephalosporin antibiotic to the patient.

38. (New) The method of claim 1, further comprising a step of administering Ca, Mg, and Vitamin D to the patient.

39. (New) The method of claim 1, further comprising a step of administering Vitamin B<sub>1</sub>, Vitamin B<sub>2</sub>, Vitamin B<sub>6</sub> or combinations thereof to the patient.

40. (New) The method of claim 1, further comprising a step of administering flax oil to the patient in a therapeutically effective amount.